|             | Index of Claims   |          |          |           |          |  |          |               |                |          |          |       |              | Application No. |  |              |          |                |             |               |          |             |           | Applicant(s) |          |               |          |          |        |              |         |           |  |              |   |   |   |
|-------------|---|----------|----------|-----------|----------|--|----------|---------------|----------------|----------|----------|-------|--------------|-----------------|--|--------------|----------|----------------|-------------|---------------|----------|-------------|-----------|--------------|----------|---------------|----------|----------|--------|--------------|---------|-----------|--|--------------|---|---|---|
|             | LIBERTA DEN DENN ERION EN |          |          |           |          |  |          |               |                |          |          |       |              | 1               | 10/055,258                                       |              |          |                |             |               |          |             |           |              |          | BARBER ET AL. |          |          |        |              |         |           |  |              |   |   |   |
|             |   |          |          |           |          |  |          |               |                |          |          |       |              |                 |  | Examiner     |          |                |             |               |          |             |           |              |          | Ar            | t U      | nit      |        | <u> </u>     |         |           |  |              |   |   |   |
|             |   |          |          |           |          |  |          |               |                |          |          |       |              |                 | :  |              |          |                |             |               |          |             |           |              |          |               |          |          |        |              |         |           |  |              |   |   |   |
|             | 1169041331(1203) 6814) 6149 6149 6149 6154 6124 6124 6124     |          |          |           |          |  |          |               |                |          |          |       |              |                 | Truc T Chuong                                    |              |          |                |             |               |          |             |           |              | 2179     |               |          |          |        |              |         |           |  |              |   |   |   |
|             |   |          | _        | _         |          |  |          | 1             |                |          | Ι-       |       |              |                 |  | _            |          |                |             |               |          |             |           |              |          |               |          |          |        |              |         |           | 7  |              |   |   |   |
|             |   |          | 1        | F         | teje     | ect  | ed       |               |                | _        |          | (1    | hrou         | igh i           | nur  | nei          | al)      |                |             | N             | N        | Non-Elected |           |              |          | A             | Appeal   |          |        |              |         |           |  |              |   |   |   |
|             |   |          | ⊢        | ┞         |          |  |          | -             |                | ⊩        | ├        |       |              | ance            | :iie   | <u> </u>     |          |                |             | <del>''</del> |          |             |           |              |          |               |          |          |        |              | -       |           |  |              |   |   |   |
| = Allowed + |   |          |          |           |          |  |          |               |                | Re       |          |       |              |                 | Interference                                     |              |          | ice            |             | 0             |          | Ob          | ect       | ted          |          |               |          |          | •      |              |         |           |  |              |   |   |   |
|             |   |          |          |           |          |  |          |               |                |          |          |       |              |                 |  |              |          |                |             |               |          |             | Ш         |              |          |               |          | J        |        |              | ·       |           |  |              |   |   |   |
|             | Claim , Date  |          |          |           |          |  | e        | - <del></del> |                |          |          | Claim |              |                 |  | _            | Date     | <del>.</del> – | ,           |               |          | Cia         |           | aim          | Γ_       | Date          |          |          |        |              |         | 1         |  |              |   |   |   |
|             |   |          | 10       | ٦         | T        | Τ  | T        | Ī             |                | Τ        | Π        | 1     | $\Box$       |                 | T  | Γ            | Γ        |                |             |               |          |             |           |              |          |               | П        | Т        | T      | Ť            | Ť       | T         | T  | Π            |   |   |   |
|             | Final   | Original | 2        | 9         | 1        |  | 1        |               |                |          |          |       | Final        | Original        | ١.   |              |          |                |             |               |          |             |           |              | Final    | Original      |          |          |        |              |         |           | 1  |              |   |   |   |
|             | L   | ō        | 01/22    | 102/20    |          |  |          |               |                |          |          |       | <u> </u>     | စ်              | 1  | ١.           |          |                |             |               |          |             |           |              | u.       | ö             |          |          |        |              |         |           |  |              |   |   |   |
|             |   | 12       |          | V         |          | _  | T        |               |                |          |          | j     |              | 51              |  |              |          |                |             |               |          |             |           |              |          | 101           |          | +        | +      | 十            | +       | ╁         | ┿  | <del> </del> | 1 |   |   |
|             |   | 2        | Ц        | 1         |          |  | L        | $oxed{\Box}$  |                |          |          | ]     |              | 52              | Г  |              |          |                |             |               |          |             |           |              |          | 102           |          | 1        | I      | I            | I       | Ţ         |  |              |   |   |   |
|             | <u> </u>  | 3        | H        | ₩         | -        | ┞  | $\vdash$ | ╀             | ┝              | ╀        | H        | }     | <u> </u>     | 53<br>54        | ╀╌   | ┞            | -        | H              |             | _             |          | $\dashv$    | Н         |              |          | 103<br>104    |          | +        |        | +            | +       | ╀         | ╄-   | -            | 4 |   |   |
|             | -   | (5)      | H        | ╁         | ┢        | ┼  | ┼~       | ┢             | ╁╾             | 十        | -        |       | <b>-</b>     | 55              | $\vdash$   |              |          |                | Н           | -             | -        | $\dashv$    |           | -            |          | 105           | Н        | _        | +      | +            | +       | 十         | ╆  | -            |   | • |   |
|             |   | 6        | П        | П         |          |  | L        |               |                |          |          |       |              | 56              |  |              |          |                |             |               |          |             |           |              |          | 106           |          |          |        |              |         | 1         |  |              | j |   |   |
|             | <u> </u>  | 7        | Н        | 1         | Ĺ        | _  | ┞        | L             | ↓_             | <u> </u> | Ш        |       | <u> </u>     | 57              | lacksquare                                       | L            |          |                | Щ           |               |          | _           | Ц         |              |          | 107           |          | 4        | $\bot$ | Ţ            | $\perp$ | L         | _  |              |   |   |   |
|             |   | (B)      | Н        | H         | -        | -  | ╁╾       | ┝             | ╁╌             | ┼─       | -        |       | <del> </del> | 58<br>59        | ╀  | ⊢            | H        | ┝              | Н           | -             | $\dashv$ | $\dashv$    | Н         |              |          | 108<br>109    | H        | +        | - -    | ┿            | +-      | ╁         | ╂  | H            | 1 |   |   |
|             | -   | 10       | H        | $\dagger$ |          | T  |          |               | H              | 1        |          |       |              | 60              | <del>                                     </del> | <del> </del> | -        | _              | -           | $\dashv$      | $\dashv$ | $\dashv$    | $\vdash$  |              |          | 110           | Н        | _        | +      | +            | +       | t         | 十  | $\vdash$     |   |   |   |
|             |   | 11       | П        | П         |          |  |          |               |                |          |          |       |              | 61              |  |              |          |                |             |               |          |             |           |              |          | 111           |          |          |        |              | 上       |           |  |              |   |   |   |
|             |   | 12       | 1        | 4         | <u> </u> | ├-   | ├-       | -             | ⊢              | ├        | Н        |       |              | 62<br>63        | -  | ┞            | <u> </u> | <u> </u>       | Щ           |               | -        | -           | $\dashv$  |              |          | 112           |          | -        |        | $\bot$       | ╄-      | ╀-        | ↓_   | _            |   |   |   |
|             | <u> </u>  | 14       | V        |           |          | ┝  | $\vdash$ | ┢             | ├              | ├        |          |       |              | 64              | ┢  | ┝            | -        | Н              | Н           | $\dashv$      | ┪        | ┪           |           |              |          | 113           |          |          | ┿      | ╁            | ╂       | ╀         | ╫  | -            | ł |   |   |
|             |   | 15       |          |           |          |  |          |               |                |          |          |       |              | 65              |  |              |          |                |             |               |          |             |           | Ì            |          | 115           |          | _        | +      | 十            | +       | $\dagger$ | ✝  | Н            | 1 |   |   |
|             |   | 16       | L        | L         | L        | L  | ┞-       | <u> </u>      | <u> </u>       | ļ        | _        |       |              | 66              |  |              |          |                |             |               | $\Box$   | _           |           |              |          | 116           |          |          | $\bot$ | I            | I       | $\Box$    |  |              | 1 |   |   |
|             |   | 17<br>18 | -        | ├         | ├        | ┝  | ├-       | ├-            | ├              | -        | Н        |       | ├            | 67<br>68        | -  | -            | -        | Н              | -           | -             | $\dashv$ | ┥           | $\dashv$  | ŀ            | $\dashv$ | 117<br>118    | Н        | -        | +      | ╀            | ╀       | ╀         | ┼  | -            | 1 |   |   |
|             |   | 19       |          | ┢         | $f^-$    | <del>                                     </del> | 1        | -             | 一              |          | Н        |       |              | 69              | H  | $\vdash$     | $\vdash$ | H              | $\exists$   | 7             | $\dashv$ | ┪           | $\dashv$  |              |          | 119           | H        | ╁        | +      | ╁            | ╁       | +         | $\vdash$   | $\vdash$     |   |   |   |
|             |   | 20       |          |           |          | L  |          |               |                |          |          |       |              | 70              |  |              |          |                |             | $\Box$        | $\Box$   | $\Box$      |           |              |          | 120           |          |          |        |              |         |           |  |              |   |   |   |
|             | $\vdash$  | 21<br>22 | -        | $\vdash$  | -        | -  | ┝        | $\vdash$      | -              | -        | ╟╌╢      |       |              | 71<br>72        | ├  | -            |          |                |             | $\dashv$      |          |             |           |              |          | 121<br>122    |          | -        | 4      | +            | ╀       | $\vdash$  | <del> </del>                                     | <u> </u>     | l |   |   |
|             | H   | 23       | -        | ┝         | -        | ┢  | ╁        | $\vdash$      |                |          | Н        |       |              | 73              | -  | -            | -        | Н              |             | $\dashv$      | $\dashv$ | ┪           | $\dashv$  | ł            |          | 123           | $\vdash$ | +        | +      | +            | ╁       | ╁         | ╁  | _            |   | , |   |
|             |   | 24       |          |           |          |  |          |               |                |          |          |       |              | 74              |  |              |          |                |             |               |          |             |           | Ì            |          | 124           |          |          |        |              | 1       |           | T  |              |   |   |   |
|             | <u> </u>  | 25       | L.,      |           | -        | _  | ļ.,      | _             | <u> </u>       | Ш        | Ш        |       |              | 75              | ļ  | <u> </u>     | _        |                |             | 4             | _        | _           |           |              |          | 125           | $\Box$   | $\Box$   | Ţ      | Ţ            | L       |           | 1  |              | l |   |   |
|             |   | 26<br>27 |          | H         |          | -  | ┢        | -             | -              | -        | Н        |       | -            | 76<br>77        | $\vdash$   | H            |          | -              | -           | $\dashv$      | $\dashv$ | ┥           | $\dashv$  | -            | -        | 126<br>127    | -        | $\dashv$ | +      | ╀            | ╁       | ╄         | ┼  | _            | ĺ |   |   |
|             |   | 28       |          |           |          |  |          |               |                |          |          |       |              | 78              | _  | -            | -        |                | $\dashv$    | 7             | ┪        | ┪           | ᅱ         | Ì            |          | 128           | $\dashv$ | +        | ╅      | +            | 十       | t         | ┢  |              | l |   |   |
|             |   | 29       |          |           |          |  |          |               |                |          |          |       |              | 79              |  |              |          |                |             |               | $\Box$   |             |           |              |          | 129           |          |          | I      |              |         |           |  |              |   |   | • |
|             | <del>  </del>   | 30<br>31 | Н        | _         | H        | _  |          | <u> </u>      | _              | $\vdash$ | -        |       |              | 80<br>81        | ⊢  | Н            | Н        | Н              | $\dashv$    | $\dashv$      | 4        | -           | 긕         | ŀ            |          | 130           | $\sqcup$ | -        | +      | ┼-           | ╀       | ├-        | ╄  | <u> </u>     |   |   |   |
|             | $\vdash$  | 32       |          |           | $\vdash$ | -  | -        | $\vdash$      | <del> </del> - | Н        | Н        |       | <u> </u>     | 82              | $\vdash$   | Н            | $\dashv$ |                | $\dashv$    | +             | $\dashv$ | $\dashv$    | ᅱ         | ł            |          | 131<br>132    | $\dashv$ | +        | +-     | ╁            | ╁       | ╀         | ╁╌   | -            |   |   |   |
|             |   | 33       |          |           |          |  |          |               |                |          |          |       |              | 83              |  |              |          |                |             |               |          | +           | $\exists$ | ı            |          | 133           |          | $\dashv$ | +      | +-           | ┿       | +         | ╆-   | H            |   |   |   |
|             |   | 34       |          |           |          |  |          |               |                |          |          |       |              | 84              |  |              |          |                | $\sqsupset$ | $\Box$        | $\Box$   |             | $\Box$    |              |          | 134           |          |          | T      |              |         |           |  |              |   |   |   |
|             |   | 35<br>36 |          |           |          | H  |          |               | -              | Н        | $\dashv$ |       | ļ            | 85              | -  | _            | $\dashv$ | -              |             | 4             | 4        | 4           |           | -            |          | 135           |          | _        | +      | +-           | ╀       | ╀-        | ↓_   | L            | l |   |   |
|             |   | 37       |          |           | Н        | H  |          |               |                | Н        | Н        |       |              | 86<br>87        | H  | Н            |          | $\dashv$       | $\dashv$    | +             | ┥        | $\dashv$    | $\dashv$  | -            |          | 136<br>137    | $\dashv$ | +        | +      | ╁            | ╁       | ╀         | ├-   | -            |   |   |   |
|             |   | 38       |          |           |          |  |          |               |                | П        |          |       |              | 88              |  |              |          |                | 7           | 7             | ┪        | 7           | ᅥ         | 1            |          | 138           | 1        | $\dashv$ | $\top$ | +-           | †       | T         | <del>                                     </del> |              |   |   |   |
|             |   | 39       |          |           |          |  |          |               |                |          |          |       |              | 89              |  |              |          |                |             | $\Box$        |          |             | $\Box$    |              |          | 139           |          |          | 工      |              |         |           |  |              | ļ |   |   |
|             |   | 40<br>41 | $\vdash$ |           | Н        | $\vdash$   |          | Н             | L              | Н        | Н        |       | <b> </b>     | 90<br>91        | -  | Н            |          | $\dashv$       | 4           | $\dashv$      | 4        | 4           | 4         |              |          | 140           |          | 4        | 4      | $\perp$      | L       | 1         | <u> </u>   | L            |   |   |   |
|             | <del>  </del>   | 42       | -        |           |          | Н  | -        | H             | -              | Н        | Н        |       |              | 92              | -  | Н            |          | -              | +           | $\dashv$      | +        | ┪           | $\dashv$  | }            |          | 141<br>142    | $\dashv$ |          | +      | +-           | +-      | ╁         | ┼─   | -            |   |   |   |
|             |   | 43       |          |           |          |  |          |               |                |          |          |       |              | 93              |  |              |          |                |             | $\Box$        | 士        | _           | ╛         | l            |          | 143           |          |          | 士      | T            | T       | 1         |  |              |   |   |   |
|             |   | 44       |          |           |          |  |          | Ц             |                | Ц        |          |       |              | 94              |  |              | $\Box$   | $\Box$         | $\Box$      | $\Box$        | $\Box$   | J           |           | Ţ            |          | 144           | $\Box$   | T        | I      | I            | L       |           |  |              | İ |   |   |
|             | <del>  </del>   | 45<br>46 | Н        |           | Н        | Н  | $\vdash$ | Н             | <u> </u>       | Н        | $\vdash$ |       | <b> </b>     | 95<br>96        | -  |              | -        |                | -           | +             | $\dashv$ | -           |           | -            |          | 145<br>146    | -        |          | 4      | +            | +-      | ├-        | ـ  | ļ            | ĺ |   |   |
|             |   | 47       | $\dashv$ |           | Н        | Н  | Н        | H             |                | H        | $\dashv$ |       |              | 97              | -  | Н            | $\dashv$ | $\dashv$       | +           | $\dashv$      | ┰        | +           | $\dashv$  | ŀ            |          | 147           | -        | +        | ╁      | +-           | ╁       | ╁         | ┼  | -            |   |   |   |
|             |   | 48       |          | _         |          |  |          |               |                |          |          |       |              | 98              |  |              |          |                |             | 1             | □        | ╛           | ╛         | t            |          | 148           |          | 士        | 士      | İ            |         |           |  |              |   |   |   |
|             |   | 49<br>50 | Ц        | _         | Щ        | Щ  | Ц        |               |                | Ш        | $\sqcup$ |       |              | 99              | lacksquare                                       | $\Box$       |          | _              | 4           | $\dashv$      | 4        | $\dashv$    | $\Box$    |              | $\Box$   | 149           | $\Box$   | $\bot$   | Ţ      | $oxed{\Box}$ | E       | Г         | Г  |              |   |   |   |
|             |   | -w1 I    |          |           |          |  |          |               |                |          |          |       |              | 112             |  |              |          |                | - 1         |               |          |             | - 1       |              |          | TEN I         |          |          |        |              |         |           |  |              | 4 |   |   |

Application No.

Applicant(s)